

What The Claim Is:

1. A multi-functional rolling apparatus, its structure comprises a top lid, sealing shell, rotating plate, bottom stand, reed, signal power line and elastic buckle, and characterized in that the rolling apparatus of the bottom stand is capable of connecting to the top lid's electronic devices like USB connecting outlets, card reader units, power extending outlets, cooling fans, WLAN transmitters, LAN HUB, ADSL sharing and networking video cameras to become a multi-functional rolling apparatus.
2. A multi-functional rolling apparatus in accordance with Claim 1, wherein the outer side of the bottom stand has a drawing hole for signal power line, there is fixed a PCB inside top lid and has one to many USB connecting outlets or power input ports on the PCB edge near the box.
3. A multi-functional rolling apparatus in accordance with Claim 1, wherein there is a recess in the rotating plate and has a reed inside, the signal power line wound on the outside of the protrusion on the recess back is drawn from the hole of the bottom stand on one terminal having a USB connector on the end, the other terminal passes through the recess of the rotating plate and connects to the PCB of the top lid, the outer side of the recess of the rotating plate has a symmetric buckle and a symmetric oblique awl on one side of the buckle.
4. A multi-functional rolling apparatus in accordance with Claim 1, wherein the USB connecting outlet and corresponding USB connector are capable of changing to PS2, 1394 and RJ45 corresponding connecting outlets and connectors for computers and communications.
5. A multi-functional rolling apparatus in accordance with Claim 1, wherein the PCB inside top lid is capable of having card reader outlet.
6. A multi-functional rolling apparatus in accordance with Claim 1, wherein the PCB

of top lid is capable of having the usual DC or AC power outlet and changes the signal power line to a flat power line with the plug on the end.

7. A multi-functional rolling apparatus in accordance with Claim 1, wherein it is possible to use only the rolling box of the bottom stand, there is a cooling fan on the top and connects one terminal of the signal power line to the motor of the cooling fan.

8. A multi-functional rolling apparatus in accordance with Claim 1, wherein the PCB inside top lid is capable of having a WLAN transmitter, WLAN HUB or broadband ADSL sharing to accordingly create useful equipment for the computer communication.

9. A multi-functional rolling apparatus in accordance with Claim 1, wherein the PCB inside the top lid is capable of having a networking video camera;

10. A multi-functional rolling apparatus in accordance with Claim 1, wherein it is possible to combine two rolling boxes of the bottom stand to use only one signal line to become a twin rolling box for individual withdrawing or gathering signal power line.

11. A multi-functional rolling apparatus in accordance with Claim 1, wherein there is a recess on the bottom of the bottom stand and an elastic buckle inside, there is a buckle recess on one side and an elliptic hole and a square hole on the elastic buckle, it is possible to cover into a prick wheel and there is a hole on the top, the position facing down has a rectangular protrusion to rotate the rotating plate as soon as signal power line is pulled, and the buckle will stir the prick wheel to make the rectangular protrusion of the prick wheel horizontal in order to move the elastic buckle backward and make the oblique awl of the recess of rotating plate fix the recess of one side of the elastic buckle to cease rotating plate, the rotating plate stop will cease signal power line to retrace, in case of slightly pulling by the user, the

signal power line will rotate the prick wheel 90 degrees to make the rectangular protrusion vertical, the terminal props the front side of the rectangular hole to forward the elastic buckle and separate the recess of the elastic buckle away from the oblique awl of the rotating plate, and the rotating plate is driven by the tension of the reed to wind and gathers a signal power line inside the box, the present
5 invented rolling part is accordingly possible to control withdrawing and retracing of the signal power line without having additional control.

12. A multi-functional rolling apparatus in accordance with Claim 1, wherein the outer center of the bottom stand is capable of having a combinational rod in necessity,
10 there is a screw thread hole inside the central axis of the combinational rod, it is capable of screwing with the screw of plastic attracting plate or magnet attracting plate to attract the multi-functions of rolling, reading and connecting port to the glass or metal plate for usage.

13. A multi-functional rolling apparatus in accordance with Claim 1, wherein it is
15 possible to print MKS and CGS size marks on the flat signal power line for the user to have a simple ruler.

14. A multi-functional rolling apparatus in accordance with Claim 1, wherein the control part of the rolling apparatus is capable of omitting the original elastic buckle by using a prick wheel and its elastic wedge on the side and protrusion to match to a
20 bottom stand of the symmetric wedge recess and similarly has a rotating plate (3A) of the oblique buckle (33A) symmetric to the protrusion (743) in order to accordingly accomplish the withdrawing or retracing controlled function for the signal power line without pushing buttons

15. A multi-functional rolling apparatus in accordance with Claim 1, wherein the
25 control part of the rolling apparatus is capable of enlarging the original prick wheel and shaped an elliptic prick wheel, by means of the length-width difference of the

elliptic prick wheel to control the forward and backward movement of the elastic buckle, similarly by means of the symmetric rotating plate and bottom stand to make the oblique awl fix the buckle recess during the backward of the elastic buckle to accordingly accomplish the withdrawing or retracing controlled function for the signal power line without pushing buttons.

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